

(323) 881-2401

September 3, 2002

The Honorable Board of Supervisors
County of Los Angeles
383 Kenneth Hall of Administration
500 West Temple Street
Los Angeles, CA 90012

Dear Supervisors:

**PROPOSED 2002 LOS ANGELES COUNTY FIRE CODE
(ALL SUPERVISORIAL DISTRICTS) (3 VOTES)**

IT IS RECOMMENDED THAT YOUR BOARD:

Introduce, waive reading, and schedule a public hearing regarding the enclosed ordinance that amends the Los Angeles County Fire Code.

IT IS RECOMMENDED THAT THE BOARD AFTER THE PUBLIC HEARING:

1. Find that the proposed ordinance is exempt under the provisions of the Uniform Environmental Quality Act (CEQA) pursuant to State CEQA, Guidelines Section 15061 (b)(3).
2. Adopt the ordinance and establish the operative date as November 1, 2002.

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PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION

- The enclosed ordinance, when adopted, will update and set forth provisions and regulations for the enforcement of the Fire Code within the unincorporated areas of the County and the Fire Protection District cities served by the County.
- The State Health and Safety Code requires that the County adopt and enforce the same building standards as those contained in the State Building Standards Code with the exception that the County may establish more restrictive building standards reasonably necessary because of local climatic, geological, or topographic conditions. Health and Safety Code Section 18941.5 requires that all County amendments, together with the State Building Standards Code, become effective 180 days after the publication of the State Building Standards Code, or at a later date after publication established by the Building Standards Commission. The Commission has established that date to be November 1, 2002. Accordingly, it is recommended that your Board establish the operative date of the ordinance to November 1, 2002.

FISCAL IMPACT/FINANCING

There is no fiscal impact.

FACTS AND PROVISIONS/LEGAL REQUIREMENTS

The ordinance amending Title 32 (Fire Code) of the Los Angeles County Code has been approved as to form by County Counsel and is enclosed with an analysis.

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The proposed ordinance adopts by reference the 2001 California Fire Code, which incorporates by adoption of the 2000 Edition of the Uniform Fire Code, and adds amendments that tailor this code to the needs in Los Angeles County. This ordinance repeals certain sections of the previously adopted 1999 Los Angeles County Fire Code. Certain previously adopted sections are unchanged and therefore, remain in full force and effect. The proposed ordinance adopts the 2002 Los Angeles County Fire Code as the Fire Code for the Consolidated Fire Protection District. Most of the provisions are carried over from previous fire codes.

In accordance with the requirements of State Government Code Section 50022.3, the Board must schedule a public hearing after the first reading of the title of the adopting ordinance. Notices of the hearing shall be published pursuant to Government Code Section 6066. A copy of the proposed ordinance amending Title 32 (Fire Code) to be adopted must be on file with the Clerk of the Board at least 15 days preceding the public hearing.

Findings regarding amendments of building standards that are more restrictive than building standards contained in the State Building Standards Code, are attached pursuant to Health and Safety Code Section 17958.5.

CONTRACTING PROCESS

Not applicable.

IMPACT ON CURRENT SERVICES (OR PROJECTS)

The provisions of this ordinance will have little or no impact on current County services.

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ENVIRONMENTAL DOCUMENTATION

Adoption of this ordinance which amends Title 32 (Fire Code) of the Los Angeles County Code is exempt under the provisions of CEQA pursuant to State CEQA Guidelines Section 15061 (b)(3).

CONCLUSION

Upon approval of the enclosed ordinance, the Clerk of the Board of Supervisors is requested to return a conformed copy of the approved Board letter to this Department.

Respectfully submitted,

P. MICHAEL FREEMAN

PMF:mr

Enclosure

c: Chief Administrative Officer
County Counsel

**NOTICE OF PUBLIC HEARING
ON PROPOSED ORDINANCES TO ADOPT BY REFERENCE
THE MOST RECENT EDITION OF THE 2001 EDITION OF
THE CALIFORNIA FIRE CODE WITH AMENDMENTS**

Notice is hereby given that a public hearing on the matter of the proposed County of Los Angeles and Consolidated Fire Protection District of the County of Los Angeles (District) ordinances to adopt by reference, the 2001 Edition of the California Fire Code with amendments, said proposed District ordinance to also adopt by reference the Los Angeles County Fire Code, will be held in the Hearing Room of the Board of Supervisors, Room 381-B, Kenneth Hahn Hall of Administration, 500 West Temple Street (corner of Temple Street and Grand Avenue), Los Angeles, California, on the twenty-fourth day of September 2002, at the hour of 9:30 AM, at which time evidence will be taken and all persons interested will be heard by the Board of Supervisors.

Notice is further given that copies of the California Fire Code and the proposed amendments and the Los Angeles County Fire Code being considered for adoption are on file in the Executive Office of the Board of Supervisors, Room 383, Kenneth Hahn Hall of Administration, 500 West Temple Street, Los Angeles, California, and are open to public inspection. Notice is further given that the purpose of enacting the proposed ordinances is to adopt the most recent edition of the said California Fire Code.

Written comments may be sent to the Executive Office of the Board of Supervisors at the above address.

For further information, please call the Los Angeles County Fire Department, Fire Prevention Division, (323) 890-4226.

Si no entiende esta noticia o si necesita mas informacion favor de llamar a este numero (323) 890-4226

VIOLET ZARONA-LUKENS
EXECUTIVE OFFICER-CLERK OF
THE BOARD OF SUPERVISORS OF
THE COUNTY OF LOS ANGELES

Notice of Exemption

To: ☐ Office of Planning and Research
PO Box 3044
1400 Tenth Street, Room 222
Sacramento, CA 95812-3044

From: (Public Agency)
Consolidated Fire Protection District of Los Angeles County (CFPD)
1320 N. Eastern Avenue
Los Angeles, CA 90063-3294

☒ County Clerk
County of Los Angeles

Project Title: Revision to Title 32 (Fire Code) of the Los Angeles County Code

Project Location - Specific: (See attached Map) All cities served by the CFPD plus the
unincorporated areas of Los Angeles County.

Project Location - City: See Above Project Location - County: Los Angeles

Description of Project:

To update the current version of Title 32 (Fire Code) of the Los Angeles County Code.

Name of Public Agency Approving Project: County of Los Angeles Board of Supervisors

Name of Person or Agency Carrying Out Project: Consolidated Fire Protection District of Los Angeles County.

Exempt Status: (check one)


- | | |
|---|----------------------------------|
| <input type="checkbox"/> Ministerial | (Sec. 21080(b)(1); 15268); |
| <input type="checkbox"/> Declared Emergency | (Sec. 21080(b)(3); 15269(a)); |
| <input type="checkbox"/> Emergency Project | (Sec. 21080(b)(4); 15269(b)(c)); |
| <input type="checkbox"/> Categorical Exemption. | State type and section number: |
| <input checked="" type="checkbox"/> Statutory Exemptions. | State code number: |

Section 15061(b)(3) of the CEQA Guidelines relieves this project from California Environmental Quality Act provisions. A project is exempt from CEQA where it can be seen with a certainty that there is no possibility that an activity may have a significant affect on the environment.

Lead Agency
Contact Person: Fire Marshal Johnny Jee Area Code/Telephone/Extension: (323) 890-4132

If filed by applicant:

1. Attach certified document of exemption finding.
2. Has a Notice of Exemption been filed by the public agency approving the project? ☐ Yes ☐ No

Signature:  Date: August 20, 2002 Title: Acting Chief, Forestry Division

☐ Signed by Lead Agency

Date Received for filing at OPR: _____

☐ Signed by Applicant

ANALYSIS

This ordinance adopts, by reference, certain portions of the 2001 Edition of the California Fire Code, adds these provisions to Title 32 – Fire Code of the Los Angeles County Code, and modifies various portions of the Uniform Fire Code which were previously incorporated into Title 32.

This ordinance further amends Title 32 by changing certain sections to conform to the requirements contained in the California Fire Code, and by making various editorial clarifications and corrections to Title 32.

LLOYD W. PELLMAN
County Counsel

By
ERIC R. YOUNG
Principal Deputy County Counsel
Public Works Division

ERY:ia

07/15/02 (requested)
08/21/02 (revised)

ORDINANCE NO. _____

An ordinance amending Title 32 - Fire Code of the Los Angeles County Code, to adopt by reference the 2001 Edition of the California Fire Code, which incorporates the 2000 Edition of the Uniform Fire Code, and to make changes therein.

The Board of Supervisors of the County of Los Angeles ordains as follows:

SECTION 1. Sections 1, 2, 3 and 4 of Title 32 of the Los Angeles County Code are hereby repealed.

SECTION 2. Section 100 is hereby added to read as follows:

SECTION 100. CALIFORNIA FIRE CODE AND UNIFORM FIRE CODE ADOPTION BY REFERENCE: Except as hereinafter changed and modified, Title 32 of the Los Angeles County Code is hereby amended by adopting and incorporating herein by reference into this Title 32 of the Los Angeles County Code the 2001 Edition of the California Fire Code published by the California Building Standards Commission, including Appendix I-C, Appendix II-C, Appendix II-D, and Appendix VI-A, excluding all other appendices of the 2001 Edition of the California Fire Code, and adopting and incorporating herein by reference into this Title 32 of the Los Angeles County Code the 2000 Edition of the Uniform Fire Code, prepared and published by the Western Fire Chiefs Association, which has been incorporated into the 2001 Edition of the California Fire Code.

A copy of the 2001 Edition of the California Fire Code, including Appendix I-C, Appendix II-C, Appendix II-D, and Appendix VI-A, a copy of the 2000 Uniform Fire Code, and all other provisions of Title 32 of the Los Angeles County Code, including Appendix VII, and Appendix VIII, and the amendments as set forth below shall be at all times maintained by the Executive Office of the Board of Supervisors for use and examination by the public.

Unless expressly repealed or amended herein, the previously enacted provisions of Title 32 of the Los Angeles County Code shall remain in full force and effect.

SECTION 3. The following previously enacted sections of Title 32 of the Los Angeles County Code are expressly repealed:

203 - Buffer Zone
207 - Float
207 - Fuel Modification
214 - Marina
217 - Pier
223 - Vessel
224 - Wharf
1006.2.7
1007.2.2.1
1115 through 1115.8, inclusive
1116 through 1116.7, inclusive
3207
4502.3.3
5202.3.1

5202.3.6 (6)

5202.4.1

7902.1.3.2

7902.1.8.1.2

7902.1.8.2.2

7902.2.8.3.3

7904.5.2.2

7904.5.4.2.1

7904.5.4.3

8004.1.19

8004.3.6.1

SECTION 4. Section 101.1 is hereby amended to read as follows:

101.1 **Title.** ~~This code~~ Title 32 of the Los Angeles County Code shall be known as the ~~UNIFORM FIRE CODE~~ LOS ANGELES COUNTY FIRE CODE, may be cited as such, and will be referred to herein as “this code.”

SECTION 5. Section 101.4 is hereby amended to read as follows:

101.4 **Supplemental Rules and Regulations.** The chief is authorized to render interpretations of this code and to make and enforce rules and supplemental regulations in order to carry out the application and intent of its provisions. Such interpretations, rules, and regulations shall be in conformance with the intent and purpose of this code and shall be available to the public during normal business hours. A certified copy of such interpretations, rules and regulations shall be filed with the Executive Office of the Board of Supervisors and shall be in effect immediately thereafter.

SECTION 6. Section 101.6 is hereby amended to read as follows:

101.6 Conflicting Provisions. Where there is a conflict between a general requirement and a specific requirement, the specific requirement shall be applicable. Where there is a conflict between amendments, unless otherwise expressly noted, the most recent amendment shall apply.

SECTION 7. Section 101.8 is hereby amended to read as follows:

101.8 References to Appendix. When this code references the appendix, the provisions in the appendix to the 2001 Edition of the California Fire Code shall not apply unless specifically adopted. Only Appendix I-C, Appendix II-C, Appendix II-D, and Appendix VI-A, have been adopted into this code.

SECTION 8. Section 103.1.4.1 is hereby amended as follows:

103.1.4.1 Appeals. ~~To determine the suitability of alternate materials and types of construction and to provide for reasonable interpretations of this code, there shall be a board of appeals consisting of five members who are qualified by experience and training to pass judgment upon pertinent matters. The fire marshal shall act as chairperson of the board. The board of appeals shall be appointed by the Fire Chief. The board shall render decisions and findings in writing to the fire chief, with a duplicate copy to the appellant. When a request for use of alternate materials and types of construction has been denied, the applicant may file a written appeal to the fire marshal for consideration of the applicant's proposal. The fire marshal shall determine the suitability of alternate materials and types of construction and will provide reasonable interpretations of this code. The fire marshal shall, after considering all the facts presented, determine if the proposal is for the purposes intended, at least~~

equivalent to that specified in these regulations in quality, strength, effectiveness, fire resistance, durability and safety, and shall transmit any recommendations to the applicant. Any person contesting the decision of the fire marshal may seek further review from the fire chief.

SECTION 9. Section 103.2.1.1 is hereby amended to read as follows:

103.2.1.1 General. The chief is authorized to administer and enforce this code. Under the chief's direction, the fire department is authorized to enforce all ordinances of the jurisdiction and the laws of the state pertaining to:

1. The prevention of fires.
2. The suppression or extinguishment of dangerous or hazardous fires.
3. The storage, use and handling of hazardous materials.
4. The installation and maintenance of automatic, manual and other private fire alarm systems and fire-extinguishing equipment.
5. The maintenance and regulation of fire escapes.
6. The maintenance of fire protection and the elimination of fire hazards on land and in buildings, structures and other property, including those under construction.
7. The maintenance of means of egress, and

8. The investigation of the cause, origin and circumstances of fire and unauthorized releases of hazardous materials.

For authority related to control and investigation of emergency scenes, see Section 104.

SECTION 10. Section 103.2.1.2 is hereby amended to read as follows:

103.2.1.2. Fire and law enforcement ~~prevention bureau~~ personnel.
~~and police.~~ The chief and members of the fire prevention bureau his designated representatives who have satisfactorily completed the training and requirements prescribed in Penal Code section 832 shall have the powers of a police peace officer in performing their duties under this code. The chief, and his designated representatives, may issue citations for violations of this code, of the regulations authorized by this code and of the standards as set forth in Article 89 of this code.

When requested to do so by the chief, the chief of any law enforcement agency ~~police~~ is authorized to assign such available law enforcement ~~police~~ officers as necessary to assist the fire department in enforcing the provisions of this code.

SECTION 11. Section 103.2.2.2 is hereby amended to read as follows:

103.2.2.2 Fire marshal. ~~The chief is authorized to designate a member of the fire department to exercises the powers and perform the duties of fire prevention engineer as set forth in this code. The fire prevention engineer could also be known as fire marshal.~~ The administrative officer of the fire prevention division shall be appointed by the chief of the fire department from among the chief officers of the fire department. The administrative officer shall have the title of Fire Marshal. Other chief officers detailed to the fire prevention division shall have the title of fire prevention engineer.

SECTION 12. Section 103.2.2.3 is hereby added to Title 32 of the Los Angeles County Code as follows:

103.2.2.3 Health Hazardous Materials Division Staff. The provisions of Article 80, Sections 8001.3.2 through 8001.3.5 of this code may be enforced by any duly authorized Health Hazardous Materials Division staff of the fire department.

SECTION 13. Section 103.3.1.1 is hereby amended to read as follows:

103.3.1.1 Authority to inspect. ~~The fire prevention bureau chief or his designated representatives~~ shall inspect, as often as necessary, buildings and premises, including such other hazards or appliances designated by the chief for the purpose of ascertaining and causing to be corrected any conditions which would reasonably tend to cause fire or contribute to its spread, or any violation of the purpose or provisions of this code and of any other law or standard affecting fire safety.

SECTION 14. Section 103.4.5 is hereby amended to read as follows:

103.4.5 Unsafe buildings. Buildings or structures which are structurally unsafe or not provided with adequate egress, or which constitute a fire hazard or are otherwise dangerous to human life, or which in relation to existing use constitute a hazard to safety or health or public welfare, by reason of inadequate maintenance, dilapidation, obsolescence, fire hazard, hazardous material contamination, disaster damage or abandonment as specified in this code or any other ordinance, are for the purposes of Section 103.4.5, unsafe buildings. Such unsafe buildings are hereby declared to be public nuisances and shall be abated by repair, rehabilitation, demolition or removal. ~~See the procedure specified in Chapters 4 through 9 of the Uniform Code for the Abatement of Dangerous Buildings.~~ A report concerning any such unsafe building shall be made by the chief to the building official for abatement of the unsafe condition.

SECTION 15. Section 104.2 is hereby amended to read as follows:

104.2 Investigations. The fire department is authorized to investigate promptly the cause, origin and circumstances of each and every fire or hazardous materials incident occurring in the jurisdiction involving loss of life or injury to person or destruction or damage to property and, if it appears to the investigator ~~bureau of investigation~~ that such fire or hazardous materials incident is of suspicious origin, he or she is authorized to take immediate charge of all physical evidence relating to the cause of the fire or hazardous materials incident and ~~are authorized to pursue,~~ under the direction of the fire chief or his authorized deputy fire chief, the investigation to its conclusion, in cooperation with the appropriate law enforcement agency.

SECTION 16. Section 105.2.1 is hereby amended to read as follows:

105.2.1 General. A permit constitutes permission to maintain, store, use or handle materials, or to conduct processes which produce conditions which are or may be potentially hazardous to life or property, or to install equipment used in connection with such activities. Such permission shall not be construed as authority to violate, cancel or set aside any of the provisions of this code. Such permit shall not take the place of any license required by law.

SECTION 17. Section 105.8 is hereby amended to read as follows:

105.8 Permit Required. A permit constitutes permission to maintain, store, use or handle materials, or to conduct processes which produce conditions which are or may be hazardous to life or property, or to install equipment used in such activities. A permit shall be obtained from the ~~bureau~~ off-fire prevention division prior to engaging in the following activities, operations, practices or functions:

. . .

h.2. High-piled combustible storage. To use any building or portion thereof as a high-piled storage area exceeding 500 square feet (46.45 m²) (see definition in Article 81). ~~Plans shall be submitted with applications for such permits in accordance with Article 81.~~ A letter describing the type and amount of material to be stored and the method of storage, plus a floor plan showing the dimension and location of the stockpiles and aisles shall be submitted with applications for such permits. See Article 81.

. . .

SECTION 18. Section 202 - A is hereby amended as follows:

. . .

ADMINISTRATOR ~~is the executive officer of the jurisdictional area.~~ shall mean the chief administrative officer of the city or the chief administrative officer of the County of Los Angeles.

. . .

ASSESS shall mean any activity taken to determine health and safety risks to the general public or the environment.

. . .

SECTION 19. Section 203 - B is hereby amended by revising the following definition to read as follows:

BULK PLANT OR TERMINAL is that portion of a property where flammable or combustible liquids, or hazardous liquids or gases are received by tank vessel, pipelines, tank car or tank vehicle and are stored, ~~or blended~~ or transferred in bulk for the purpose of distributing such liquids or gases by tank vessel, pipeline, tank car, tank vehicle, portable tank or container.

SECTION 20. Section 204 - C is hereby amended by adding the following definition:

CONSOLIDATED CONTINGENCY PLAN shall mean a document setting out an organized, planned and coordinated course of action to be followed in case of a fire, explosion or release of hazardous substance, which could threaten human health or the environment.

SECTION 21. Section 205 - D is hereby amended by adding the following definition:

DEPARTMENT OF TOXIC SUBSTANCE CONTROL (DTSC) shall mean a part of the California Environmental Protection Agency that is responsible for implementing hazardous waste regulations in California.

SECTION 22. Section 206 - E is hereby amended by adding the following definition:

EPA ID NUMBER shall mean a number issued by DTSC and used to track hazardous waste from point of origin to its final disposal. Provisional numbers are issued for special circumstances such as a spill if the facility does not have a permanent number.

SECTION 23. Section 207 - F is hereby amended as follows:

FUEL MODIFICATION shall mean ~~the reduction of flammable vegetation available to a wildfire~~ any modification or removal of fuels to reduce the likelihood of ignition or the resistance to fire control.

SECTION 24. Section 209 - H is hereby amended as follows:

. . .

HAZARDOUS FIRE AREA ~~is~~ shall mean land which is covered with grass, grain, brush or forest, whether privately or publicly owned, which is so situated or is of such inaccessible location that a fire originating upon such land would present an abnormally difficult job of suppression or would result in great and unusual damage through fire or resulting erosion. ~~Such areas are designated by the chief on a map maintained in the office of the chief. It shall include those areas designated as Fire Zone 4 in Title 26 of the Los Angeles County Code (Building Code) and~~ it shall include those areas designated as a Very High Fire Hazard Severity Zone by the Board of Supervisors.

HAZARDOUS MATERIALS are those chemicals or substances which are physical hazards or health hazards as defined and classified in Article 80 whether the materials are in usable or waste condition. This definition includes, but is not limited to, those hazardous wastes, hazardous materials, and extremely hazardous wastes listed in the California Code of Regulations, Title 22, Section 66261.126, Appendix X.

HAZARDOUS WASTE shall mean a waste, or combination of wastes, which because of its quantity, concentration, or physical, chemical, or infectious characteristics poses a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, or disposed of, or otherwise managed.

HAZARDOUS WASTE CONTROL LAW shall mean the state law which implements a cradle to grave management system found in the California Health and Safety Code.

~~**HAZARDOUS WATERSHED FIRE AREA** is a location within 500 feet (152.4 m) of a forest or brush, grass, or grain covered land, exclusive of small individual lots or parcels of and located outside of a brush, forest or grass covered area.~~

HEALTH HAZARDOUS MATERIALS DIVISION (HHMD) shall mean a part of the Consolidated Fire Protection District of Los Angeles County (District) or Los Angeles County Fire Department, Prevention Bureau, and is charged with protecting public health and the environment throughout Los Angeles County and the cities the District serves from accidental releases of hazardous substances, improper handling, storage, transportation, or disposal of hazardous materials, through inspections, emergency response, enforcement, and site mitigation oversight.

HOTEL is any building containing six or more guestrooms intended or designed to be used, or which are used, rented or hired out to be occupied, or which are occupied for sleeping purposes by guests. This definition shall not include any I or D occupancies as described in Title 24, Part 2, California Code of Regulations.

. . .

SECTION 25. Section 224 - W is hereby amended by adding the following definition to read as follows:

WASTE shall mean a material that has been used or for whatever reason can or will no longer be used for its intended purpose.

SECTION 26. Section 901.4.2 is hereby amended to read as follows:

901.4.2 ~~**Fire apparatus access roads.**~~ ~~When required by the chief, approved signs or other approved notices shall be provided and maintained for fire apparatus access roads to identify such roads and prohibit the obstruction thereof or both.~~ **Fire lanes.** When required, approved fire lane and no parking signs shall be provided on or adjacent to the fire lane and shall be visible therefrom. The boundaries of the fire lane shall be outlined or the fire lane painted as the chief deems necessary to define the extent of the fire lane.

SECTION 27. Section 901.4.3 is hereby amended to read as follows:

901.4.3 **Fire protection equipment and fire hydrants.** Fire protection equipment and fire hydrants shall be clearly identified in a manner approved by the chief to prevent obstruction by ~~parking and other obstructions.~~ parked vehicles and other objects.

When required by the chief, hydrant locations shall be identified by the installation of blue reflective markers. See also Section 1001.7.

SECTION 28. Section 901.4.4 is hereby amended to read as follows:

901.4.4 **Premises identification.**

901.4.4.1 **New and existing buildings.** ~~4.~~ Approved numbers or addresses shall be provided and maintained for all new and existing buildings in such a position as to be plainly visible and legible from the street or road fronting the property. In no case, shall numbers be less than 3 inches (76 mm) in height, 1 inch (25.4 mm)

wide with a stroke of 3/8ths (9.5 mm) of an inch. Where structures are set back more than 150 feet from the street or road, the numbers shall be a minimum of 5 inches (127 mm) in height, 2 inches (51 mm) wide with a stroke of 1/2 (13 mm) inch. Numbers shall contrast with their background.

901.4.4.2 **High-Rise Buildings-Multiple residential and commercial units.** ~~2.~~ Multiple residential and commercial units having entrance doors not visible from the street or road shall have, in addition to the requirements of 901.4.4.1, above, approved numbers grouped for all units within each structure and positioned to be plainly visible from the street or road. Said numbers may be grouped on the wall of the structure or on a mounting post independent of the structure.

901.4.4.3 **High-Rise Buildings.** Approved numbers or street addresses shall be placed and maintained on the roof tops of all new and existing high-rise buildings, as defined in Health and Safety Code Section 13210, having floors used for human occupancy located more than 75 feet (22.86 m) above the lowest floor level providing access to the building. All approved numbers shall be plainly visible and legible from the air at an elevation of 500 feet (152.4 m) above roof top level and shall contrast with their background.

SECTION 29. Section 902.2.1 is hereby amended to read as follows:

902.2.1 **Required access.** Fire apparatus access roads shall be provided in accordance with Sections 901 and 902.2 for every facility, building, or portion of a building hereafter constructed or moved into or within the jurisdiction when any portion of the facility or any portion of an exterior wall of the first story of the building is located more than 150 feet (45720 mm) from fire apparatus access as measured by an approved route around the exterior of the building or facility. Vehicular or pedestrian

gates obstructing required access to the building shall be of an approved width and shall be provided only with locking devices and/or override mechanisms which have been approved by the chief. See also Section 902.3 for personnel access to buildings.

EXCEPTIONS: ~~1. When buildings are completely protected with an approved automatic fire sprinkler system, the provisions of sections 902.2.1 and 902.2.2 may be modified by the chief.~~

~~2. When access roads cannot be installed due to location on property, topography, waterways, nonnegotiable grades or other similar conditions, the chief is authorized to require additional fire protection as specified in Section 1001.9.~~

~~3. When there are not more than two Group R, Division 3, or Group U Occupancies, the requirements of Sections 902.2.1 and 902.2.2 may be modified by the chief.~~

More than one fire apparatus road shall be provided when it is determined by the chief that access by a single road might be impaired by vehicle congestion, condition of terrain, climatic conditions or other factors that could limit access. For High piled combustible storage, see Section 8102.6.1.

For required access during construction, alteration or demolition of a building see Section 8704.2.

SECTION 30. Section 902.2.2.1 is hereby amended to read as follows:

902.2.2.1 Dimensions. Fire apparatus access roads shall have an unobstructed width of not less than 20 feet (6096 mm) and an unobstructed vertical clearance of not less than 13 feet 6 inches (4115 mm) clear to the sky.

~~Exception: Vertical clearance may be reduced, provided such reduction does not impair access by fire apparatus and approved signs are installed and maintained indicating the established vertical clearance when approved.~~

~~Vertical clearances or widths shall be increased when, in the opinion of the chief, vertical clearances or widths are not adequate to provide fire apparatus access.~~

SECTION 31. Section 902.2.4.1 is hereby amended to read as follows:

902.2.4.1 General. The required width of a fire apparatus access road or fire lane shall not be obstructed in any manner, including parking or leaving of vehicles in violation of Section 22500.1 of the California Vehicle Code. Minimum required widths and clearances established under Section 902.2.2.1 shall be maintained at all times.

Entrances to roads, trails, or other accessways which have been closed with gates and barriers in accordance with Section 902.2.4.2 shall not be obstructed by parked vehicles.

SECTION 32. Section 903.3 is hereby amended to read as follows:

903.3 Type of Water Supply. Water supply is allowed to consist of reservoirs, pressure tanks, elevated tanks, water mains or other fixed systems capable of providing the required fire flow. ~~In setting the requirements for fire flow, the chief may be guided by Appendix III A.~~

SECTION 33. Section 903.4.2 is hereby amended to read as follows:

903.4.2 Required installations. The location, number and type of fire hydrants connected to a water supply capable of delivering the required fire flow shall be provided on the public street or on the site of the premises or both to be protected as required and approved. ~~See Appendix III B.~~

Fire hydrants shall be accessible to the fire department apparatus by roads meeting the requirements of Section 902.2.

SECTION 34. Section 903.5 is hereby amended to read as follows:

903.5 Pool Draft System in Very High Fire Hazard Severity Zones or Fire Zone 4. New swimming pools, 5000 gallon (18925 L) or greater capacity, constructed or installed in ~~Fire Zone 4~~ or a Very High Fire Hazard Severity Zone shall have a drain and discharge line connected to a draft hydrant, as required by Appendix M of Title 28 of the Los Angeles County Code (Plumbing Code).

EXCEPTIONS: 1. Swimming pools constructed or installed with the bottom of the pool more than 15 feet below the proposed draft hydrant connection elevation, measured vertically, need not be provided with a draft hydrant system.

2. Properties that are adequately served by access roads that comply with fire department standards, and have a properly spaced fire hydrant capable of flowing a minimum of 1250 Gallons Per Minute (GPM) for 2 hours, may be exempted.

3. For residential properties built before August 13, 1995, where, in the opinion of the chief, there are practical difficulties which would cause an undue hardship, the requirement may be modified.

SECTION 35. Section 1001.4 is hereby amended to read as follows:

1001.4 Installation Acceptance Testing. Fire alarm systems, fire hydrant systems, fire-extinguishing systems, standpipes, and other fire-protection systems and appurtenances thereto shall meet the approval of the fire department as to installation and location and shall be subject to such acceptance tests as required by the chief. See Section 1001.5.2 for testing of water-based fire protection systems. Plans and specifications shall be submitted to and approved by the fire department prior to construction.

Condition of acceptance of halon and clean agent systems shall be satisfactory passage of a test conducted in accordance with nationally recognized standards prior to final acceptance of the system.

Fire alarm and detection systems shall be tested in accordance with NFPA 72 as amended in Article 91 and California Code of Regulations Title 19.

See Section 9003, Standard n.2.5.

SECTION 36. Section 1001.5.1 is hereby amended by adding a third paragraph to read as follows:

Fire extinguishing systems, including, but not limited to, fire sprinkler systems, engineered and pre-engineered fixed extinguishing systems, standpipe systems, and water-flow alarm devices shall be serviced, tested and maintained in accordance with the requirements of Division 1, Chapter 5 of Title 19, California Code of Regulations.

SECTION 37. Section 1001.5.3 is hereby amended to read as follows:

1001.5.3 Systems out of service. The chief shall be notified when any ~~required~~ fire protection system is out of service and on restoration of service.

SECTION 38. Section 1003.2.2 is hereby amended to read as follows:

...

5. ~~Throughout all buildings with a floor level with an occupant load of 30 or more that is located 55 feet (16764 mm) or more above the lowest level of fire department vehicle access.~~

In buildings over three stories in height; provided, however, the respective increases in area and height specified in U.B.C. Sections 505 and 506, and the substitution for one-hour fire-resistive construction specified in Section 508 shall be permitted. For the purposes of this subsection the chief may consider a basement as a

story where the basement would have originally been considered a story except for fill being placed against the building. In making the determination the chief shall consult with the building department.

- EXCEPTION:** 1. ~~Airport control towers.~~
2. ~~Buildings used exclusively as~~ open parking structure.
3. ~~Group F, Division 2 Occupancies~~

SECTION 39. Section 1003.2.11 is hereby amended to read as follows:

1003.2.11 Occupancies in Very High Fire Hazard Severity Zones ~~or Fire Zone-4~~ and in the Malibu-Santa Monica Mountains or San Gabriel Southface Areas. An automatic fire sprinkler system shall be installed in every occupancy which is newly constructed or which is modified, reconstructed or remodeled by adding 50% or more of the floor area of the existing occupancy, within any 12-month period, where the occupancy is located in a Very High Fire Hazard Severity Zone ~~or Fire Zone-4~~ and in the Malibu-Santa Monica Mountains or the San Gabriel Mountains Southface Areas, as defined in Appendix VII.

EXCEPTIONS: 1. Occupancies located in the San Gabriel Mountains Southface Area and which are located 3 miles or less from the closest existing or planned Los Angeles County Fire Station capable of supporting firefighting resources, are exempt from the fire sprinkler requirement. Travel distances shall be measured by the most direct route on streets or roads accessible to fire department apparatus.

2. Occupancies modified, reconstructed or remodeled by adding 50% or more of the floor area of the existing occupancy, where the total floor area of the occupancy after the modification, reconstruction or remodel is less than 5000 square feet (465 m²), are exempt from the fire sprinkler requirement.
3. Detached U-1 occupancies, less than 200 square feet (19 m²) in area and separated from other structures by a minimum of 6 feet (1829 mm), are exempt from the fire sprinkler requirement.
4. Detached gazebos, pergolas, and carports open on two or more sides, that are separated from other structures by a minimum of 6 feet (1829 mm) are exempt from the fire sprinkler requirement.
5. Detached U-3 occupancies, separated from other structures by a minimum of 6 feet (1829 mm), built entirely out of non-combustible materials, and with no combustible storage, are exempt from the fire sprinkler requirement.

For the purposes of this subsection, "planned Los Angeles County Fire Station" means a fire station, approved by the Consolidated Fire Protection District of Los Angeles County, that will be developed within 5 years from the date of building permit application for the subject development.

The Board of Supervisors finds it necessary to impose these requirements upon the issuance of a building permit because a failure to do so would place the residents of the subdivision or the immediate community, or both, in a condition perilous to their health, or safety, or both.

SECTION 40. Section 1003.3.1 is hereby amended to read as follows:

1003.3.1 Where required. All valves controlling the water supply for automatic sprinkler systems and water-flow switches on all sprinkler systems shall be electrically monitored where the number of sprinklers is:

1. Twenty or more in Group I Divisions 1.1 and 1.2 Occupancies.
2. One hundred or more in all other occupancies.

Valve monitoring and water-flow alarm and trouble signals, shall be distinctly different and shall be automatically transmitted to an listed and approved central station, remote station or proprietary monitoring station as defined by NFPA 72 as amended in Article 91 or, when approved by the building official with the concurrence of the chief, shall sound an audible signal at a constantly attended location.

EXCEPTION: Underground key or hub valves in roadway boxes provided by the municipality or public utility need not be monitored.

SECTION 41. Section 1003.3.2 is hereby amended to read as follows:

1003.3.2 Alarms. An approved audible sprinkler flow alarm shall be provided on the exterior of the building in an approved location. A single approved audible/visual sprinkler flow alarm shall be provided in the interior of the building in a normally occupied location. Actuation of the alarm shall be as set forth in the Fire Code. (See Section 9003, Standard n.2.9.)

EXCEPTION: The separate interior alarm is not required when the sprinkler water flow switch activates the building fire alarm system notification appliances.

SECTION 42. Section 1004.6 is hereby deleted in its entirety.

SECTION 43. Section 1004.6.4 is hereby added to read as follows:

SECTION 1004.6.4 Basement Pipe Inlets.

1004.6.4.1 General. All basement pipe inlets shall be installed in accordance with the requirements of this section.

1004.6.4.2 Where required. Basement pipe inlets shall be installed in the first floor of every store, warehouse or factory having basements.

EXCEPTIONS: 1. Where the basement is equipped with an automatic fire-extinguishing system.

2. Where the basement is used for storage of permanent archives or valuables, such as safe deposit vaults, or similar uses adversely affected by water.

SECTION 44. Section 1006.2.2.2 is hereby amended to read as follows:

1006.2.2.2 System initiation in Group A Occupancies with an occupancy load of 1000 or more. Activation of the fire alarm or automatic fire extinguishing system flow device in Group A Occupancies with an occupancy load of 1000 or more shall immediately initiate an approved prerecorded message

announcement using an approved electrically supervised voice communication or public address system in accordance with NFPA 72 as amended in Article 91 ~~that~~ which is audible above the ambient noise level of the occupancy.

EXCEPTION: When approved, the prerecorded announcement is allowed to be manually deactivated for a period of time, not to exceed three minutes, for the sole purpose of allowing a live voice announcement from an approved, constantly attended station.

SECTION 45. Section 1006.2.9.1.1 is hereby amended to read as follows:

1006.2.9.1.1 General. Group R Occupancies shall be provided with fire alarm systems in accordance with Section 1006.2.9 ~~and the California Building Code~~. Group R, Division 1 Occupancies shall be provided with a manual and automatic fire alarm system in apartment houses three or more stories in height or containing ~~46~~5 or more dwelling units, in hotels three or more stories in height or containing ~~206~~ or more guest rooms, and in congregate residences three or more stories in height or having an occupant load of ~~20~~ 11 or more. See also Section 1006.2.12.

EXCEPTIONS: 1. A manual fire alarm system need not be provided in buildings not over two stories in height when all individual dwelling units and contiguous attic and crawl spaces are separated from each other and public or common areas by at least one-hour fire-resistive occupancy separations and each individual dwelling unit or guest room has an exit directly to a public way, exit court or yard.

2. A separate fire alarm system need not be provided in buildings which are protected throughout by an approved supervised fire sprinkler system conforming with the Building Code and having a local alarm to notify all occupants.

SECTION 46. Section 1006.3.1 is hereby amended to read as follows:

1006.3.1 Design standards. Fire alarm systems, automatic fire detectors, emergency alarm systems, gas detection systems, Emergency Voice Alarm Communication Systems and notification devices shall be designed, installed and maintained in accordance with UFC Standard 10-2 and other nationally recognized standards ~~[For SFM]~~ and the appropriate standards of NFPA 72 as amended in Article 91 of the California Building Code, California Mechanical Code, and the California Electrical Code.

SECTION 47. Section 1006.3.3.6.1 is hereby amended to read as follows:

1006.3.3.6.1 General. When required by the ~~authority having jurisdiction~~ chief, fire alarm signals, supervisory signals, and trouble signals shall be reported to an approved central proprietary or remote supervising station or at the protected premise at a constantly attended location in accordance with the requirements of UFC Standard 10-2 ~~[For SFM]~~ and NFPA 72 as amended in Article 91 for recording and disposition of signals.

EXCEPTION: Group R occupancies which do not have required fire alarm systems.

SECTION 48. Section 1102.2.1 is hereby amended to read as follows:

1102.2.1 General. Free-standing noncommercial incinerators not connected to buildings shall be in accordance with Section 1102.2. Incinerators shall be ~~in accordance with other governing agencies regulating emissions.~~ constructed and maintained in accordance with the requirements of the South Coast Air Quality Management District. For other requirements and for other types of incinerators, see the Building and Mechanical codes.

SECTION 49. Section 1102.3.2 is hereby amended to read as follows:

1102.3.2 Notification. Prior to commencement of open burning, the fire department shall be notified and a permit obtained. ~~It shall be unlawful for any person to build or maintain or cause or permit to be built or maintained, any open or outdoor fire not in compliance with such permit.~~ When required, a permit from the South Coast Air Quality Management District shall be obtained before the fire department permit is issued.

SECTION 50. Section 1103.2.1.2 is hereby amended to read as follows:

1103.2.1.2 ~~Required storage conditions.~~ Rubbish accumulation. ~~Combustible rubbish kept or accumulated within or adjacent to buildings or structures shall be in containers complying with Section 1103.2.1.4 or in rooms or vaults constructed of noncombustible materials.~~ Accumulations of wastepaper, hay, grass, straw, weeds, litter, or combustible or flammable waste material, waste petroleum products or rubbish of any kind shall not be permitted to remain upon any roof, court, yard, vacant lot or open space.

EXCEPTION: Combustible rubbish kept or accumulated within or adjacent to buildings or structures in containers complying with Section 1103.2.1.4 or in rooms or vaults constructed of noncombustible materials.

SECTION 51. Section 1103.2.1.5 is hereby amended to read as follows:

1103.2.1.5 Removal. Combustible rubbish stored in containers outside of noncombustible vaults or rooms shall be removed from buildings at least once each working day or at intervals specified by the chief. The storage or accumulation of combustible waste matter within any building in such a quantity or location as to constitute a fire hazard is prohibited.

SECTION 52. Section 1109.7 is hereby amended to read as follows:

1109.7 Sparks from Chimneys. Chimneys used with fireplaces or heating appliances in which solid or liquid fuel is used shall be maintained with a spark arrester as required for incinerators by the Mechanical Code.

EXCEPTION: Chimneys which are located more than ~~200~~ 500 feet from any mountainous, brush-covered or forest-covered land or land covered with flammable material. ~~and are not attached to a structure having less than a Class C roof covering, as set forth in the Building Code.~~

SECTION 53. Sections 1114 through 1116 are hereby reserved.

SECTION 54. Section 1117.1.2 is hereby amended to read as follows:

1117.1.2 Line clearance - Any person owning, controlling, operating or maintaining any electrical transmission or distribution line upon any mountainous, or forest, or brush-covered lands, or lands covered with flammable growth shall maintain a clearance of the respective distances hereinafter in this section specified in all directions between all vegetation and all conductors carrying electrical current.

For lines operating at 2,400 volts or more, but less than 72,000 volts, four (4) feet;

For lines operating at 72,000 volts or more, but less than 110,000 volts, six (6) feet;

For lines operating at 110,000 volts or more, ten (10) feet.

In any case, such distance shall be sufficiently great to furnish the required clearance from the particular wire or conductor at any position, of such wire or conductor at any temperature of 120 degrees Fahrenheit or less. Dead trees, old, decadent or rotten trees, those weakened by decay or disease and trees leaning toward the line, which may contact the line from the side or may fall on the line, shall be felled, cut or trimmed so as to remove the hazard.

SECTION 55. Section 1117.2.1 is hereby amended to read as follows:

1117.2.1 Fuel modification plan in Very High Fire Hazard Severity Zones or Fire Zone 4. A fuel modification plan, a landscape plan and an irrigation plan prepared by a registered landscape architect, landscape designer, landscape contractor, or an individual with expertise acceptable to the forestry division of the fire department shall be submitted with any subdivision of land or prior to any new construction, remodeling, modification or reconstruction of a structure where such remodeling, modification or reconstruction increases the square footage of the existing structure by 50% or more within any 12 month period and where the structure or subdivision is located within areas designated as a Very High Fire Hazard Severity Zone or Fire Zone 4 in the Los Angeles County Building Code. Every fuel modification plan, landscape plan and irrigation plan shall also be reviewed and approved by the forestry division of the fire department for reasonable fire safety.

After such final plan has been approved by the forestry division of the fire department a signed copy of the Covenant and Agreement shall be recorded at the Registrar-Recorder/County Clerk's Office.

SECTION 56. Section 1117.2.1.1 is hereby added to read as follows:

1117.2.1.1 Appeals. The Chief, Forestry Division will adjudicate all policy interpretations relevant to Fuel Modification Plan requirements and serve as the final authority in the appeals process.

SECTION 57. Section 1210.4 is hereby amended to read as follows:

1210.4 Stairway Identification. Approved stairway identification signs shall be located at each floor level in all enclosed stairways in buildings four or more stories in height. The sign shall identify the stairway, indicate whether there is roof access, the floor level, and the upper and lower terminus of the stairway. The sign shall be located approximately 5 feet (1524 mm) above the floor landing in a position which is readily visible when the door is in the open or closed position. ~~See Appendix I-C.~~ In setting the requirements for stairway identification signs, Appendix I-C shall be used. The provisions shall apply to both new and existing buildings.

SECTION 58. Section 1303.3.6 is hereby amended to read as follows:

1303.3.6 Group R, Division 4 Occupancies. ~~When Appendix Chapter 3, Division IV, of the Building Code is adopted,~~ Group R, Division 4 Occupancies shall comply with all of the emergency plans and procedure requirements set forth in Section 1303 for a Group I Occupancy.

SECTION 59. Section 2405.9 is hereby added to read as follows:

2405.9 Markings. Helistops shall be marked in accordance with the Federal Aviation Administration Standard and shall indicate helicopter load limits.

SECTION 60. Section 2405.10 is hereby added to read as follows:

2405.10 Standpipes. A Class II standpipe system shall be extended to the rooftop helistop at an approved location.

SECTION 61. Section 2405.11 is hereby added to read as follows:

2405.11 Helispots in Very High Fire Hazard Severity Zones.

2405.11.1 Surface. When required by the chief, a graded 100' x 100' pad shall be covered with reinforced concrete, with a minimum depth of 6 inches, capable of supporting 42,000 pounds.

2405.11.2 Hydrant. When required by the chief, a fire hydrant shall be installed adjacent to the graded pad as approved by the chief.

2405.11.3 Access. When required by the chief, a fire apparatus access road shall be provided in accordance with Section 902.2.2.1.

SECTION 62. Section 2501.4 is hereby amended to read as follows:

2501.4 Supervision and ~~Communication System~~ Emergency Notification

2501.4.1 Supervision. Places of assembly shall be under the constant supervision of a competent adult on the premises during the time that the premises are open to the public.

Sufficient employees shall be trained to provide this supervision so that when the primary supervisor is absent an alternate person will be capable of providing the supervision of the operation. Employee training shall comply with Section 1303.5.

2501.4.2 ~~Communication~~ Emergency Notification. When required by the chief, places of assembly shall be provided with a method for notifying the fire department in the event of an emergency. ~~Such method can consist of a telephone, an alarm system connected to the fire department or other approved agency, or other approved means.~~ This may be by telephone or other method approved by the chief. Methods of notifying the fire department shall be readily available to the public.

SECTION 63. Section 2503.2 is hereby amended to read as follows:

2503.2 Ground Seats. When more than 500 loose chairs are used in connection with ~~athletic events~~ public assembly events, chairs shall be fastened together in groups of not less than three and shall be tied or staked to the ground.

SECTION 64. Section 3220 is hereby amended to read as follows:

SECTION 3220 ~~STANDBY PERSONNEL~~ FIRE SAFETY OFFICERS
~~The provisions of standby personnel shall be in accordance with Section 2501.18.~~ Qualified persons necessary to safeguard the premises shall be provided as required and approved by the chief.

SECTION 65. Section 3404 is hereby amended to read as follows:

SECTION 3404 FIRE APPARATUS ACCESS ROADS
Fire apparatus access roads shall be constructed and maintained throughout the site in accordance with Section 902.2. Aisles or passageways shall be provided so as to allow fire department hose streams to reach all stored items and material.

SECTION 66. Section 3504.4 is hereby amended to read as follows:

3504.4 Hazardous Materials. Hazardous materials, including flammable liquids, shall not be used, stored, or displayed in a mall.

EXCEPTION: Carcinogens, irritants, sensitizers, combustible liquids and Class I oxidizers.

SECTION 67. Section 3506 is hereby amended to read as follows:

SECTION 3506 – TEMPORARY PLACES OF ASSEMBLY

3506.1 General. When the mall area, or any portion thereof, is used as a temporary place of assembly, such area shall be in accordance with Article 25.

3506.2 Occupant load. The means of egress facilities shall limit the number of persons in attendance.

3506.3 Exit facilities. The chief is authorized to establish the conditions necessary to assure that the covered mall building tenants do not have their means of egress obstructed by the assembly. It shall be the responsibility of the covered mall management to provide adequate personnel to comply with the conditions required by the chief. The means of egress facilities shall comply with the provisions for public assembly of Title 19 and Title 24 of the California Code of Regulations, and other provisions of this code.

3506.4 **Temporary displays and events.** The exit facilities shall comply with the provisions for public display of Title 19 and Title 24 of the California Code of Regulations.

SECTION 68. Section 4502.1 is hereby amended to read as follows:

4502.1 **Location of Spray-finishing Operations.** When conducted in buildings used for assembly, educational, institutional or residential occupancies, spray-finishing operations shall be located in a spraying room protected with an approved automatic ~~sprinkler~~ fire extinguishing system and separated vertically and horizontally from other areas in accordance with Building Code. In other occupancies, spray finishing operations shall be conducted in a spray booth, spraying area or spraying room approved for such use. Limited spraying areas for touch-up or spot painting may be approved by the chief, provided they meet the requirements of Article 45. See Section 4502.6.

SECTION 69. Section 4502.2.5 is hereby amended to read as follows:

4502.2.5 **Baffles.** If installed, baffle plates or filters shall be of noncombustible material readily removable or accessible to facilitate cleaning and designed to provide an even flow of air through the booth and to prevent the deposit of overspray before it enters the exhaust duct. Baffle plates or filters shall not be installed in the exhaust ducts.

SECTION 70. Section 4503.1 is hereby amended to read as follows:

4503.1 Location of Dip Tank Operations. When conducted in buildings used for assembly, institutional or residential occupancies, dip tank operations shall be located in a room designed for the purpose, protected with an approved automatic ~~sprinkler~~fire extinguishing system, and separated vertically and horizontally from other areas in accordance with the Building Code.

SECTION 71. Section 4506.2 is hereby amended to read as follows:

4506.2 Use of Organic Peroxide Coatings. Spraying operations involving the use of organic peroxides and other dual-component coatings shall be conducted in ~~approved sprinklered~~a spray booths protected with an approved automatic fire extinguishing system and meeting the requirements of Section 4502.

SECTION 72. Section 5201.6.1 is hereby amended to read as follows:

5201.6.1 General. The dispensing of fuel into the fuel tanks of automobile, marinecraft or aircraft, or portable containers shall be under the supervision of a qualified attendant at all times.

~~EXCEPTION:~~ ~~Unsupervised dispensing of flammable and combustible liquids, LP gas and CNG as a motor fuel is allowed in accordance with Sections 5201.6.3, 5202, 5203 and 5204.~~

SECTION 73. Section 5201.6.3 is hereby deleted in its entirety.

SECTION 74. Section 5202.4.5 is hereby amended to read as follows:

5202.4.5 Supervision. ~~In addition to the requirements in Section 5201.6, dispensing equipment used at unsupervised locations shall comply with one of the following:~~

~~1. Dispensing devices are programmed or set to limit uninterrupted fuel delivery to 25 gallons and require a manual action to resume continued delivery, or~~

~~2. The amount of fuel being dispensed is limited in quantity by a preprogrammed card as approved. See Section 5201.6.1.~~

SECTION 75. Section 6401 is hereby amended to read as follows:

SECTION 6401 SCOPE. Stationary lead-acid battery systems having an electrolyte capacity of more than 100 gallons (378.5L) in sprinklered buildings or 50 gallons (89.3L) in unsprinklered buildings used for facility standby power, emergency power or uninterrupted power supplies shall be in accordance with Article 64. Stationary lead-acid battery systems with individual lead-acid batteries exceeding 20 gallons each shall also comply with Article 80.

SECTION 76. Section 7702.1.9 is hereby amended to read as follows:

7702.1.9 Storage with other materials. Magazines shall be used exclusively for the storage of explosive materials and other blasting materials approved by the chief. Tools, other than approved conveyors, shall not be stored in magazines. Items of hardware which contain igniters, detonators, propellants or explosives shall not be stored in the same magazine with other explosives.

Explosives which are subject to mass detonation, such as lead azide, lead styphanate, dynamite, photo flash powder and black powder shall not be stored with other explosives.

EXCEPTION: Black sporting powder may be stored with smokeless sporting powder in retail commercial stores when quantities are limited to those allowed in Section 7702.2.1.1 with the approval of the chief.

SECTION 77. Section 7702.2 is hereby amended to read as follows:

7702.2 **Gunpowder for Retail Sales.**

SECTION 78. Section 7703.1.2 is hereby amended to read as follows:

7703.1.2 **Personnel Qualifications.** The person in charge of the handling and use of explosive materials shall be at least 21 years of age, licensed by the State of California as a blaster, and possess a valid explosive-use permit issued by the chief.

EXCEPTION: Persons 18 years of age or older are allowed to use and handle explosive materials under the direct personal supervision of a person who possesses a valid explosive-use permit.

SECTION 79. Section 7901.7.5 is hereby amended to read as follows:

7901.7.5 Waste control. Waste liquids shall be kept in a sump, tank, or receptacle approved for this purpose. The waste must be disposed in accordance with the provisions of the California Health and Safety Code, Division 20, Chapter 6.5, Hazardous Waste Control.

SECTION 80. Section 7902.1.10.10.2.1 is hereby added to read as follows:

7902.1.10.10.2.1 System Requirements. The fire protection system shall be a deluge type foam system, which provides a minimum of .25 gpm over the entire vault area. The minimum duration of the foam supply shall be 10 minutes. If a manual system is provided, it must assume a maximum of 125 psi at the fire department connection.

SECTION 81. Section 7902.2.2.4 is hereby amended to read as follows:

7902.2.2.4 Location of tanks for boilover liquids. Aboveground tanks for storage of liquids with boilover characteristics shall be located in accordance with Table 7902.2-C. Shell to shell spacing between tanks shall not be less than the diameter of the largest tank.

SECTION 82. Section 7902.2.4.1 is hereby amended to read as follows:

7902.2.4.1 Required systems. ~~When required by the chief, foam fire protection shall be provided for aboveground tanks, other than pressure tanks operating at or above 1 psig (6.89kPa) when such tank, or group of tanks spaced less than 50 feet (15240 mm) apart measured shell to shell, has a liquid surface area in excess of 1500 square feet (139.4 m²) and is:~~

- ~~1. Used for the storage of Class I or II liquids,~~
- ~~2. Used for the storage of crude oil,~~
- ~~3. Used for in process products and is located within 100 feet (30480 mm) of a fired still, heater, related fractioning or processing apparatus or similar device at a processing plant or petroleum refinery as herein defined, or~~
- ~~4. Considered by the chief as presenting an unusual exposure hazard because of topographical conditions; nature of occupancy, proximity on the same or adjoining property, and height and character of liquids to be stored; and degree of private fire protection to be provided and facilities of the fire department to cope with flammable liquid fires.~~

All tanks exceeding 1500 square feet of liquid surface area used for the storage of Class I or Class II flammable liquids shall be provided with foam fire protection.

EXCEPTION: 1. Tanks with floating roofs for storage of crude oil exceeding 1500 square feet of liquid surface area and less than 12,300 square feet of liquid surface area shall have foam fire protection only for the seal area.

2. Other floating roof tanks or pressure tanks operating at or above 1-pound-per square inch gauge.

SECTION 83. Section 7902.2.8.4.3 is hereby amended to read as follows:

7902.2.8.4.3 Walls. The walls of the diked area shall not be higher than 6 feet above the exterior grade. The walls of the diked area shall be restricted to an average height of 6 feet (1828.8 mm) above the interior grade, except when dikes are higher than an average of 6 feet (1828.8 mm) above interior grade, provisions shall be made for normal and necessary emergency access to tanks, valves and other equipment and safe egress from the diked enclosure as follows:

. . .

SECTION 84. Table 7902.1-A is amended as follows to permit the following quantities of flammable and combustible liquids in glass containers:

Class I-A; 1 pint

Class I-B; ~~1 quart~~ 1 pint

Class I-C; ~~1 gallon~~ 1 pint

Class II; ~~1 gallon~~ 1 quart

Class III; ~~5 gallons~~ 1 gallon

SECTION 85. Footnotes 3 and 5 of Table 7902.5-A are hereby amended to read as follows:

³ Quantities are allowed to be increased 100 percent in buildings equipped with an approved automatic sprinkler system.—in accordance with Tables 7902.5-F through 7902.5-K.

When Footnote 2 applies, the increase for each footnote is allowed.

⁵ Quantities permitted in a building equipped with an approved automatic sprinkler system in accordance with Tables 7902.5-F through 7902.5-K are not limited.

SECTION 86. Table 7902.5-C is hereby amended to add one Footnote to read as follows:

SPRINKLERED WITH IN-RACK PROTECTION (feet) ¹

¹ Automatic sprinkler system shall be provided in accordance with Tables 7902.5-F through 7902.5-K.

SECTION 87. Section 7904.2.5.5.1 is hereby amended to read as follows:

7904.2.5.5.1 General. Tanks shall be provided with top openings only—~~or shall be elevated for gravity discharge.~~

SECTION 88. Section 7904.2.5.5.3 is hereby deleted in its entirety.

SECTION 89. Section 7904.4.1 is hereby amended to read as follows:

7904.4.1 General. Portions of properties where flammable and combustible liquids are received by tank vessels, pipelines, tank cars or tank vehicles and are stored, ~~or blended~~ or transferred in bulk for the purpose of distributing such liquids by tank vessels, pipelines, tank cars, tank vehicles or containers shall be in accordance with Section 7904.4.

SECTION 90. Section 7904.5.1.1 is hereby amended to read as follows:

7904.5.1.1 Location. Bulk transfer and process transfer operation shall be in approved locations. Tank cars shall be unloaded only on private sidings or railroad siding facilities equipped for transferring flammable or combustible liquids. Tank vehicle and tank car transfer facilities shall be separated from buildings, aboveground tanks, combustible materials, property lines, streets, alleys or public ways by a distance of ~~25-100 (7620 mm)~~ feet for Class I liquids and ~~15-25 (4572 mm)~~ for Class II and III liquids measured from the nearest position on any loading or unloading valve.

SECTION 91. Section 7904.5.1.19 is hereby added to read as follows:

7904.5.1.19 Liquid Transfer. Class I, II or III liquids shall be transferred from a tank vehicle or tank car only into an approved atmospheric tank or approved portable tank, except as provided in Sections 7904.5.4.1 through 7904.5.4.6. Class I, II or III liquids shall not be transferred from a tank vehicle or tank car into the cargo tank of another tank vehicle or tank car.

SECTION 92. Section 7904.5.4.7 is hereby added to read as follows:

7904.5.4.7 Time limit or unloading and permit. Tank vehicles and railroad tank cars shall be unloaded as soon as possible after arrival at point of delivery and shall not be used as storage tanks. Tank cars shall be unloaded only on private sidings or railroad siding facilities equipped for transferring the liquid between tank cars and permanent storage tanks. A permit shall be required for a tank car to remain on a siding at the point of delivery while connected for transfer operations. Transfer operations shall be in accordance with DOT requirements and the code.

SECTION 93. Section 8001.3.2 is hereby deleted in its entirety.

SECTION 94. Section 8001.3.3 is hereby amended to read as follows:

8001.3.3 Hazardous materials inventory statement. ~~When required by the authority hearing jurisdiction, each application for a permit shall include a hazardous materials inventory statement (HMIS). See also Appendix II E. Each application for a permit required by this article shall include a hazardous materials inventory statement (HMIS) in accordance Chapter 12.64 of Title 12 of this code.~~

SECTION 95. Section 8001.4.2 is hereby amended to read as follows:

8001.4.2 Design and construction of containers, cylinders and tanks. Containers, cylinders and tanks shall be designed and constructed in accordance with nationally recognized standards. See Article 90 and Section 101.3. Containers, cylinders, tanks and other means used for containment of hazardous materials shall be of an approved type. Tank vehicles and railroad tank cars shall not be used as storage tanks. Indoor unloading or transfer operations from tank vehicles or railroad tank cars shall be in accordance with Section 8004.2. Outdoor unloading or transfer operations shall be in accordance with Section 8004.3.

SECTION 96. Section 8001.4.5.1.2 is hereby amended to read as follows:

8001.4.5.1.2 Secondary containment. Secondary containment shall be provided for new installations of underground tanks- and existing tanks with a breach in integrity.

SECTION 97. Section 8001.4.6. is hereby amended to read as follows:

8001.4.6. Empty containers and tanks. Empty containers and tanks previously used for the storage of hazardous materials shall be free of residual material and vapor as defined by DOT, the Resource Conservation and Recovery Act (RCRA) or other regulation authority or maintained as specified for the storage of the hazardous material. Containers larger than 5 gallons in capacity shall be marked with the date they have been emptied and shall be reclaimed, reconditioned, or remanufactured within one year of being emptied. Containers which previously held acute or extremely hazardous materials are considered empty if the container has been triple rinsed and the rinsate managed as a hazardous waste. If the activity does not qualify for an exemption, the activity may require a permit to treat on-site.

SECTION 98. Section 8001.5.2.2. is hereby amended to read as follows:

8001.5.2.2 Notification. The chief and the HHMD shall be notified immediately when an unauthorized discharged becomes reportable under state, federal or local regulations.

SECTION 99. Section 8001.5.2.3. is hereby amended to read as follows:

8001.5.2.3 Preparation. ~~Provisions shall be made for controlling and mitigating unauthorized discharges.~~ The consolidated contingency plan of the Unified Program shall be prepared and maintained. Copies shall be on-site and submitted every three years to the fire department as required by the provisions of the California Health and Safety Code, Division 20, Chapter 6.95, Hazardous Materials Release Response Plans and Inventory.

SECTION 100. Section 8001.5.2.4. is hereby amended to read as follows:

8001.5.2.4 Control. When an unauthorized discharge due to primary container failure is discovered, the involved primary container shall be repaired or removed from service. Any waste generated as a result of the unauthorized discharge must be disposed of in accordance to all applicable regulations pertaining to hazardous waste. If the facility does not have an EPA ID number they must obtain a temporary ID number from DTSC prior to disposal.

SECTION 101. Section 8001.5.2.5. is hereby amended to read as follows:

8001.5.2.5 Responsibility for cleanup. The person, firm or corporation responsible for an unauthorized discharge shall institute and complete all actions necessary to remedy the effects of such unauthorized discharge, whether sudden or gradual, at no cost to the jurisdiction. When deemed necessary by the chief, cleanup may be initiated by the fire department or by an authorized individual or firm. Cost associated with such cleanup shall be borne by the owner, operator or other person responsible for the unauthorized discharge. Upon termination of cleanup activities the HHMD, Emergency Operation Section, of the fire department must be contacted to assess cleanup measures and clear site for reoccupancy or reuse.

SECTION 102. Section 8001.7 is hereby amended to read as follows:

8001.7 Identification Signs. Each building that stores, handles, or dispenses a hazardous material shall be conspicuously posted with the overall occupancy hazard by using the NFPA 704 placard system for any product or waste that has a three (3) or higher rating in any category or is a special hazard. Visible hazard identification signs as specified in UFC Standard 79-3 shall be placed on stationary aboveground tanks and at entrances to locations where hazardous materials are stored, dispensed, used or handled in quantities requiring a permit. Signs shall be provided at specific entrances and locations designated by the chief.

EXCEPTION: The chief may waive this requirement in special cases when consistent with safety if the owner or operator has submitted a hazardous materials management plan and hazard materials inventory statement. See Appendix II-E and Sections 8001.3.2 and 8001.3.3.

Individual containers, cartons, or packages shall be conspicuously marked or labeled in accordance with nationally recognized standards.

Rooms or cabinets containing compressed gases shall be conspicuously labeled COMPRESSED GAS.

Signs shall not be obscured or removed.

Signs shall be in English as a primary language or in symbols allowed by this code.

Signs shall be durable.

The size, color and lettering shall be in accordance with nationally recognized standards.

SECTION 103. Section 8001.8 is hereby amended to read as follows:

8001.8 **~~Signs.~~ Label.** In addition to the hazard identification signs required by Section 8001.7, additional ~~hazard identification labeling~~ and warning signs shall be provided as follows:

1. Stationary containers and tanks shall be placarded with identification signs as specified in UFC Standard 79-3 for the specific material contained.

2. Signs prohibiting smoking shall be provided in the following situations:

2.1 In rooms or areas where hazardous materials are stored or dispensed or used in open systems in amounts requiring a permit in accordance with Section 8001.31.

2.2 Within 25 feet (7620 mm) of outdoor storage, dispensing or open-use areas.

Signs shall not be obscured or removed. Signs shall be in English as a primary language or in symbols allowed by this code. Signs shall be durable. The size, color, and lettering shall be in accordance with nationally recognized standards.

SECTION 104. Section 8001.11.1.2 is hereby amended to read as follows:

8001.11.1.2 Fire department liaison. Responsible persons shall be designated and trained to be liaison personnel for the department. These persons shall aid the fire department in preplanning emergency responses and identification of the locations where hazardous materials are located and shall have access to material safety data sheets and be knowledgeable in site emergency response procedures. These persons shall be identified as the Emergency Coordinator with 24-hour contact numbers in the business plan as required by the provisions of the California Health and Safety Code, Division 20, Chapter 6.95, Article 1, Business and Area Plans.

SECTION 105. Section 8001.11.3 is hereby amended to read as follows:

8001.11.3 Protection from vehicles. Guard posts or other approved means shall be provided to protect storage tanks and connected piping, valves and fittings; dispensing areas; and use areas subject to vehicular damage. When guard posts are installed, the posts shall be:

1. Constructed of steel not less than 4 inches (101.6 mm) in diameter, 6 inches if heavy truck traffic is anticipated, schedule 40 steel, and concrete filled.
2. Spaced not more than 4 feet (1219 mm) between posts on center.
3. Set not less than 3 feet (914 mm) deep in a concrete footing of not less than a 15-inch (914 mm) diameter.
4. Set with the top of the posts not less than 3 feet (914 mm) above ground.

5. Located not less than 5 feet (1524 mm) from the tank.

SECTION 106. Section 8001.14.3.9 is hereby amended to read as follows:

8001.14.3.9 Floors. Floors shall be in accordance with Section 8003.1.13. The floors shall be level and impervious.

SECTION 107. Section 8001.15.1 is hereby amended to read as follows:

8001.15.1 General. Exempt amounts shall be as specified in Section 8001.15.2 and Tables 8001.15-A through 8001.15-D. Storage, dispensing, use and handling of hazardous materials in quantities exceeding exempt amounts shall be in accordance with Sections 8001, 8003, and 8004. Tank vehicles and railroad tank cars shall not be used as storage tanks. Indoor unloading or transfer operations from tank vehicles or railroad tank cars shall be in accordance with Section 8004.2. Outdoor unloading or transfer operations shall be in accordance with Section 8004.3.

Storage, dispensing, use and handling of hazardous materials in quantities not exceeding exempt amounts shall be in accordance with Section 8001.

Where exempt amounts are indicated in pounds (kilograms) and when the density of the material is not provided to the chief, a conversion of 10 pounds (1.2 kg/L) per gallon shall be used.

For retail and wholesale display, see Section 8001.14.

SECTION 108. Section 8003.1.6 is hereby amended as follows:

8003.1.6 Fire-extinguishing systems. Indoor storage areas and storage buildings shall be protected by an automatic sprinkler system. The design of the sprinkler system shall not be less than that required by the Building Code for Ordinary Hazard Group 2 with a minimum design area of 3,000 square feet (278.7m²).

See Section 9003, Standard n.2.9. Where the materials or storage arrangement requires a higher level of sprinkler system protection in accordance with nationally recognized standards, the higher level of sprinkler system protection shall be provided.

EXCEPTION: Approved alternate automatic fire-extinguishing systems are allowed, if acceptable to the chief.

SECTION 109. Section 8003.9.1.1 is hereby amended to read as follows:

8003.9.1.1 General. Indoor storage of unstable (reactive) materials in amounts exceeding the exempt amounts set forth in Section 8001.15 shall be in accordance with Sections 8003.1 and 8003.9.1.

In addition, Class 3 and 4 unstable (reactive) detonatable materials shall be stored in accordance with the Building Code requirements for explosives and Article 77 of this code.

Storage and display of Class 2 and 3 unstable (reactive) materials in Group M Occupancies shall be in accordance with Section 8001.14.

Storage of Class 2 and 3 unstable (reactive) materials in Group S Occupancies is allowed in accordance with Section 8001.14.

SECTION 110. Section 8003.13.1.4 is hereby amended to read as follows:

8003.13.1.4 Storage conditions. The maximum quantity and storage arrangement of radioactive materials to be stored in buildings or rooms designed for such purposes shall be in accordance with the requirements of the Nuclear Regulatory Commission, state and local ~~requirements~~ authorities. Storage, handling and use of radioactive materials in Group H, Division 8 Occupancies shall comply with the radiation control regulations of the California Department of Health Services, as found in Title 17, California Code of Regulations.

Storage of contaminated combustible materials shall be in tightly closed noncombustible containers which do not contain other waste. Special attention shall be given to prompt disposal of combustible wastes contaminated with oxidizing materials that are subject to spontaneous heating.

SECTION 111. Section 8004.2.3.7.1 is hereby amended to read as follows:

8004.2.3.7.1 Ventilation and storage arrangement. Compressed gas cylinders shall be within gas cabinets, exhausted enclosures or gas rooms. Portable or stationary tanks shall be within gas rooms or exhausted enclosures. Tank vehicles or railroad tank cars engaged in the use or dispensing of toxic or highly toxic gases shall be within a ventilated separate gas storage room or placed within an exhausted enclosure.

SECTION 112. Section 8004.3.5.1 is hereby amended to read as follows:

8004.3.5.1 Ventilation and arrangement. ~~When cylinders, containers or portable tanks are used outdoors~~ When stationary or portable cylinders, containers, tanks, railroad tank cars or tank vehicles are located outdoors for dispensing or use of toxic or highly toxic gases, gas cabinets or exhaust enclosures shall be provided.

SECTION 113. Section 8101.3.1 is hereby amended to read as follows:

8101.3.1 Permits. For a permit to use a building for high-piled combustible storage, see Section 105, Permit h.3. Before racks are installed in occupancies regulated by this article, required permits must be applied for and approved. An approved permit must be kept on the premises and is subject to inspection by an officer of the fire department at all times.

SECTION 114. Section 8102.7.2 is hereby amended to read as follows:

8102.7.2 Types of vents. Smoke and heat vents shall be approved and shall be labeled to indicate compliance with nationally recognized standards. See Article 90, Standards f.1.2, i.2.1 and u.1.12. Smoke and heat vents shall be operated automatically by activation of any one of the following:

1. An approved fixed-temperature heat-responsive device rated between 100 and 200° F (56 and 111° C) above estimated ambient temperatures. If a fire sprinkler system is provided, the fixed-temperature heat-responsive device shall also be minimum one temperature rating higher than the sprinkler heads. With ESFR sprinkler systems, the fixed-temperature heat-responsive device shall also be a minimum two temperature ratings higher than the sprinkler heads up to 360° F.

2. An approved rate-of-rise device, or
3. Approved heat-sensitive glazing designed to shrink and drop out of the vent opening.

The heat-responsive device shall be listed and labeled. Smoke and heat vents shall have the capability of being opened by an approved manual operation.

SECTION 115. Section 8102.9.1 is hereby amended to read as follows:

8102.9.1 Small hose stations. When small hose valves and stations are required by table 81-A, approved 1 ½ inch (38.1 mm) hose valves shall be provided at approved locations. ~~When required by the chief, hose, nozzles, hose racks, and cabinets or covers shall be provided.~~ See UFC Standards 81-1 and 81-2.

SECTION 116. Section 8102.10.3 is hereby amended to read as follows:

8102.10.3 Clear height. The required aisle width shall extend from floor to ceiling. Rack structural supports and catwalks are allowed to cross aisles at a height 6 feet 8 inches (2032 mm) or more above the level of the finished floor, provided that such supports do not interfere with fire department hose stream trajectory ~~-except at required access doors.~~

SECTION 117. Section 8104.2.3.1 is hereby amended to read as follows:

8104.2.3.1 General. Racks with solid shelving having an area greater than 32 square feet (2.97 m²), measured between approved flue spaces at all four edges of the shelf, shall be in accordance with Section 8104.2.3.

EXCEPTIONS: 1. Racks with mesh, grated, slatted or similar shelves having uniform openings not more than 6 inches (152.4 mm) apart, comprising at least 50 percent of overall shelf area, and with approved flue spaces, are allowed to be treated as racks without solid shelves.

2. Racks used for the storage of combustible paper records, with solid shelving, shall be in accordance with UFC Standard 81-4. In buildings with ESFR fire sprinkler protection, the storage racks shall not utilize solid, slatted, and other types of shelving that obstructs sprinkler water penetration down through the racks, unless allowed per NFPA 13 7-4.1.7.1.

SECTION 118. Table 81-A is amended to permit the following solid pile storage in commodity class I-IV:

Size of High-Piled Storage Area (square feet)	Maximum Pile Dimension (feet)	Maximum Pile Volume (cubic feet)
501-2,500	400 <u>50x100</u>	100,000
2,501-12,000 Public access	400 <u>50x100</u>	400,000 <u>200,000</u>
2,501-12,000 Non Public access (Option 1)	400 <u>50x100</u>	400,000 <u>200,000</u>
2,501-12,000 Non Public access	400 <u>50x100</u>	200,000 <u>150,000</u>

(Option 2)

12,001-20,000	400 <u>50x100</u>	400,000 <u>200,000</u>
20,001-500,000	400 <u>50x100</u>	400,000 <u>200,000</u>
Greater than	400 <u>50x100</u>	400,000 <u>200,000</u>
8		
500,000		

...

SECTION 119. Footnote 3 of Table 81-A GENERAL FIRE-PROTECTION AND LIFE-SAFETY REQUIREMENTS is hereby amended to read as follows:

³ Piles shall be separated by a minimum of 96 inch aisles complying with Section 8102.10.

SECTION 120. Section 8204.4 is hereby amended to read as follows:

...

Where one of these forms of protection is provided, the separation shall not be less than 25 feet (7620 mm) between container groups. At multi-container installations, the aggregate capacity of the containers shall be used to determine minimum distances to the buildings or adjoining property lines.

SECTION 121. Section 8206.1 is hereby amended to read as follows:

8206.1 Attendants. Dispensing of LP-gases shall be performed by a qualified attendant. Self-service LP-Gas dispensing open to the public is prohibited.

SECTION 122. Section 8210 is hereby amended to read as follows:

SECTION 8210 – PROTECTING CONTAINERS FROM VEHICLES

When exposed to probable vehicular damage due to proximity to alleys, driveways or parking areas, LP-gas containers, regulators and piping shall be suitably protected- by guard posts in accordance with Section 8001.11.3.

SECTION 123. Section 8705.2 is hereby amended to read as follows:

8705.2 Fire protection systems. When the building is protected by fire-protection systems, such systems shall be maintained operational at all times during alteration.

When alteration requires modification of a portion of a fire-protection system, the remainder of the system shall be kept in service. When it is necessary to shut down the entire system, ~~a fire watch~~ standby personnel shall be kept on site until the system is returned to service.

SECTION 124. Article 89 of Title 32 is hereby amended to read as follows:

ARTICLE 89 – INFRACTIONS

SECTION 8901 SCOPE

In accordance with Section 103.4.7 the violation of the following sections shall be infractions:

<u>Section</u>	<u>Offense</u>
...	
1115.3 <u>Appendix IIC Sec. 5</u>	<u>Fire prevention regulations – marina</u>
1115.3.2 <u>Appendix IIC 5.2</u>	<u>Open flame device – Boat or marina</u>
1115.5 <u>Appendix IIC 6.4</u>	<u>Portable fire protection equipment</u>
1115.7 <u>Appendix IIC 6.3</u>	<u>Access</u>
...	
2401.92 <u>2401.6</u>	<u>“No Smoking” signs within designated areas</u>
...	
8004.3.5 <u>8004.3.4</u>	<u>Combustible materials - Clearance</u>
...	

SECTION 125. Section 9003 is hereby amended by to read as follows:

. . .

a.7. ALLIANCE OF AMERICAN INSURERS

3025 Highland Parkway, Suite 800, Downers Grove, IL 60515-1289

a.8. AMERICAN INSURANCE ASSOCIATION

1130 Connecticut Ave NW, Suite 1000, Washington DC 20036

c.1. COMPRESSED GAS ASSOCIATION, INC.

~~1725 Jefferson Davis Highway, Suite 1004, Arlington, VA 22202-4100~~

4221 Walney Road 5th Floor Chantilly, VA 20151-2923

. . .

c.1.2 G-1 Acetylene

c.1.3 G-2 Anhydrous Ammonia

c.1.4 G-3 Sulphur Dioxide

c.1.5 G-4 Oxygen

c.1.6 G-5 Hydrogen

c.1.7 P-1 Safe Handling of Compressed Gases

c.1.8 P-2 Characteristics and Safe Handling of Medical Gases

c.1.9 V-5 Diameter-Index Safety System

c.2. CHEMTREC (AMERICAN CHEMISTRY COUNCIL)

1300 Wilson., Washington, DC 20009

CMA Safety Data Sheets.

d.1. DEPARTMENT OF LABOR, Mine Safety and Health Administration,

1301 Airport Road, Beaver, WV 25813-9426

Information Circular 8179 Safety Recommendations for Sensitized
Ammonium Nitrate Blasting Agents.

d.2. DEPARTMENT OF TRANSPORTATION

400 Seventh Street, S.W., Washington, DC 20590

Title 49, Code of Federal Regulations Parts 171 -180.

D.O.T Hazardous Material Standards Specifications MC 300, MC 302, MC 303,
MC 304, MC 305, MC 330, MC 331.

...

i.3. INDUSTRIAL RISK INSURERS

85 Woodland Street, Hartford, CT 06102

i.4. INSTITUTE OF MAKERS OF EXPLOSIVES

1120 Nineteenth Street, N.W., Suite 310, Washington, DC 20036

i.5. IME PAMPHLETS

No. 1 Construction Guide for Standard Storage Magazines.

No. 20 Radio Frequency Radiation Hazard in Use of Commercial
Detonators (Blasting Caps).

...

n.2. NATIONAL FIRE PROTECTION ASSOCIATION

~~Post Office Box 9101, Batterymarch Park~~

1 Batterymarch Park, Quincy, MA 02269-9101

NFPA CODES and STANDARDS

~~n.2.1 40 Storage and Handling of Cellulose Nitrate Motion Picture Film~~

~~n.2.2 46 Recommended Safe Practices for Storage of Forest Products~~

~~n.2.3 497A Classification of Class I Hazardous Locations for Electrical
Installations~~

~~n.2.4 59A Standard for the Production, Storage and Handling of Liquefied
Natural Gas~~

~~n.2.5 505 Firesafety Standard for Powered Industrial Trucks (Forklifts)~~

~~n.2.6 701 Standard Methods of Fire Tests for Flame-resistant Textiles and Films~~

~~n.2.7 703 Standard for Fire retardant Impregnated Wood and Fire Retardant Coatings for Building Materials~~

~~n.2.8 2001 Clean Agent Fire extinguishing Systems~~

~~n.2.9 92A Smoke Control Systems~~

~~n.2.10 92B Smoke Management Systems in Malls, Atria, and Large Areas.~~

~~n.2.11 20 Smoke and Heat Venting~~

. . .

s.2. SUPERINTENDENT OF DOCUMENTS

U.S. Government Printing Office, 732 North Capital Street, NW, Mail Stop
SDE, Washington, DC 20401

Title 10, Code of Federal Regulations, Part 30, Licensing of By-products
Material- Radioisotope Distribution, Part 70, Special Nuclear Materials.

Title 49, Chapter X, Code of Federal Regulations, Part 78 of Interstate
Commerce Regulations.

I.C.C. Specifications MC 300, MC 302, MC 303, MC 304, MC 305, MC 330,
MC 331.

. . .

SECTION 126. Section 10000.3 is hereby added to read as follows:

10000.3 **Applicability.** Subsection 1003.2.11 of the Los Angeles County Code applies to those cities located in the District which have ratified the aforesaid subsection 1003.2.11 in accordance with California Health and Safety Code Section 13869.7.

SECTION 127. Sections 6.2.1, 6.2.2, and 6.2.3 of Appendix II-C, are hereby amended to read as follows:

6.2.1 **General.** Portions of floats more than 250 feet (76200 mm) travel distance from fire apparatus access and marine motor vehicle fuel-dispensing stations shall be provided with an approved ~~Glass H~~ wet standpipe system installed in accordance with Section 6.2. ~~the Building Code (see UBC Standard NO TAG) and Section 1004.~~

6.2.2 **Hose stations.** Hose stations shall be spaced to provide protection to all portions of floats or floating vessels. Hoses shall be mounted on a reel or rack and enclosed within an approved cabinet. Hose stations shall be labeled FIRE HOSE-EMERGENCY USE ONLY. Listed equipment shall be used. Each hose station shall be provided with a 2 ½ inch fire hose valve with a 2 ½ x 1 ½ reducer and a maximum 100 feet of lined hose and an approved fog nozzle.

The pipe sizing shall be a minimum of 2 ½ inches and shall be based on providing 65 psi at 100 gpm at the most remote hose station valve outlet, using a maximum 150 psi, at the fire department inlet connection.

6.2.3 Fire department inlet connection. At the shore end, the waterline shall be equipped with not less than a two-way 2 ½ inch (63.5 mm) fire department inlet connection. Additional fire department connections shall be provided as required by the chief.

SECTION 128. Sections 1 and 3 of Appendix II-D are hereby amended to read as follows:

SECTION 1 – PERMIT

A permit from the chief is required to establish, maintain or operate a rifle range. Applications for permits shall be referred to the chief law enforcement officer for approval.

SECTION 3 – QUALIFICATIONS OF RANGE OFFICER

To qualify as a range officer, individuals shall demonstrate to the chief and chief law enforcement officer their knowledge of firearms and ammunition, including the general rules of safety and the provisions of this code relative thereto. Qualified range officers shall ~~be issued a~~ possess a valid certificate of fitness ~~upon completion of such qualification examination.~~